

CLAIMS

What is claimed is:

- 1 1. An apparatus for mixing at least a first and second fluid comprising:
 - 2 a first flow path carrying a dispensing fluid;
 - 3 a second flow path carrying a mixing fluid;
 - 4 a valve within said second flow path, said valve comprising a valve plunger and an
 - 5 internal fluid flow path carrying said mixing fluid; and
 - 6 a mixer for combining said dispensing fluid and said mixing fluid downstream of said
 - 7 valve;
 - 8 wherein said first flow path is fluidly engaged with said valve to open said internal fluid
 - 9 flow path when fluid is carried through said first flow path..